Self Assessment

Checklist for student self-assessment for Experimental Inquiry (Grades K-2)

Experimental inquiry is the process of developing and testing explanations of things we observe.

A. *I see something that interests me.*

Rubric not appropriate.

B. *I describe what I have seen.*

____ Yes. I describe what I have seen.
____ No. I do very little to describe what I have seen.

C. *I explain what I have seen.*

____ Yes. I give reasons for what I have seen.
____ No. I do very little to give reasons for what I have seen.

D. *Based on my explanation, I make prediction that I can test.*

____ Yes. Based on my explanation, I make a prediction that I can test.
____ No. Based on my explanation, I do very little to make a prediction that I can test.

E. *I set up and carry out an experiment to test my prediction.*

____ Yes. I set up and carry out an experiment to test my prediction.
____ No. I do very little to set up and carry out an experiment to test my prediction.

F. *I explain the results of my experiment and tell if they match what I predicted. If necessary, I change my explanation.*

____ Yes. I explain the results of my experiment and tell if they match what I predicted. If necessary, I change my explanation.
____ No. I do very little to explain the results of my experiment and tell if they match what I predicted. I do very little to change my explanation, even when it is necessary.

Adapted from McREL Institute